

## LETTER OF INVITATION

### Empanelment of NABL Accredited Calibration laboratories across the State for calibrating A class glasswares & Instruments of RDW&SD labs

The Rural Drinking Water & Sanitation Department, Government of Karnataka is striving towards providing potable drinking water on regular basis in adequate quantity and of prescribed quality at the household level across rural Karnataka under Jal Jeevan Mission. RDW&SD has established Water Quality Testing Labs at District Headquarters and Taluk Level to collect samples and conduct periodic tests of its sources, to ascertain their quality adhering to Indian Standards drinking water specifications IS 10500:2012, Ra: 2018. Currently there are 31 Divisional and 46 Taluka Labs and 1 District & 2 Taluk labs are yet to be established (list attached as **Annexure-I**) covering 176 Talukas, spread across the State of Karnataka which carry out analysis of 16 basic parameters of drinking water quality.

The Department wishes to engage NABL Accredited calibrating laboratories with Electrotechnical, Mechanical & Thermal discipline, meeting the requirement of ISO- IEC 17025:2017, to calibrate the glasswares & instruments in RDW&SD laboratories. The list of materials to be calibrated are as mentioned below:

1)Burette	4)Hot air oven	13)Serological water bath
2)Pipette	5)Bacteriological Incubator	14)BOD incubator
3)Volumetric Flask	6)Autoclave	15)Weight box
	7)Refrigerator	16)Pass box
	8)LAF	17)Hygrometers
	9)Biosafety cabinet	18) Thermometers
	10)Digital Water bath	19)Luxmeter
	11)Analytical balance	20)Cold storage
	12) Rough balance	21) Micro pipette
		22)AHU validation

The scope of work in this assignment will include responsibility of calibrating, Transportation (if any of it has to be done onsite) and delivering it back to the RDW&SD Labs. The individual reports of the calibration have to reach the labs in the specified time of 10 days after calibration is completed. As a reference, the format for submission of proposals is attached as **Annexure-II**.

Reputed NABL accredited calibration laboratories are requested to submit their proposals alongwith a copy of NABL accreditation certificate along with the specified scope. The proposals as mentioned above shall be submitted to Commissioner, 2nd Floor, KHB Complex, Cauvery Bhavan, K.G. Road, Bengaluru-560 009 on or before 08.09.21 along with filled in **Annexure-II** format and supporting Documents. The proposal may be submitted for one or more District/Divisional Lab. For any clarifications, the queries can be sent to E-mail-id: [rdwsd.wqmosp@gmail.com](mailto:rdwsd.wqmosp@gmail.com). The empanelment based on the received proposals, will be carried out only for those laboratories, which agree to carry out the calibration as per the rates fixed by RDW&SD and for assigned labs. Further, few of our labs have external calibration also done for their instruments. Once the NABL accredited calibration laboratories are empanelled, the external calibration will have to be taken up only when it is due. The empanelment would be carried out for a period of 1 year, extendable further upto 3 years, based on satisfactory performance and mutual agreement.



Commissioner,  
RDW&SD, Bengaluru





**List of District/Divisional & Subdivisional Level Water Quality Testing Laboratories established under RDW&SD**

Sl. No.	Name of the Circle	District/ Divisional Lab	Taluk/ Sub Divnl Lab	Taluks Covered
1	Bengaluru	Bengaluru('R)		Hoskote
2				Nelamangala
3				Devanahalli
4				Doddaballapura
5		Bengaluru (U)		Bengaluru South
6				Bengaluru North
7				Bengaluru East
8				Anekal
9		Chikkaballapura		Chikkaballapura
10				Sidlaghatta
11			Chintamani	Chintamani
12			Bagepalli	
13			Gowribidanur	Gowribidanur
14			Gudibande	
15		Chitradurga		Chitradurga
16				Hiriyur
17			Hosadurga	
18			Holalkere	
19			Challakere	
20		Molakalmuru		
21		Davanagere		Davanagere
22				Harihara
23				Jagalur
24				Channagiri
25		Honnali		
26		Kolar		Kolar
27				Malur
28			Bangarpete	Bangarpete
29			Srinivasapura	Mulabagal
30		Srinivasapura		
31		Ramanagara		Ramangara
32				Channapatna
33				Kanakapura
34		Magadi	Magadi	
35		Shivamogga		Shivamogga
36				Bhadravathi
37			Sagar	Sagar
38			Shikaripura	
39			Soraba	
40			Tirthahalli	
41		Hosanagara	Hosanagara	
42		Tumakuru		Tumakuru
43				Gubbi
44				Kunigal
45				Tiptur
46				Chiknayakanhalli
47		Turuvekere		

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<b>Sl. No.</b>	<b>Name of the Circle</b>	<b>District/ Divisional Lab</b>	<b>Taluk/ Sub Divnl Lab</b>	<b>Taluks Covered</b>
48			Madhugiri	Madhugiri
49				Koratagere
50				Sira
51				Pavagada
<b>Total</b>		<b>9</b>	<b>13</b>	<b>51</b>

**List of District/Divisional & Subdivisional Level Water Quality Testing Laboratories established under RDW&SD**

Sl. No.	Name of the Circle	District/ Divisional Lab	Taluk/ Sub Divnl Lab	Taluks Covered
52	Belagavi	Belagavi	Soundathi	Belagavi
53				Khanapura
54				Soundathi
55				Ramadurga
56				Bailahongala
57				Chikkodi
58		Raybagh		
59		Chikkodi	Gokak	Gokak
60				Hukkeri
61				Athani
62		Bagalakote	Jamakhandi	Bagalkote
63				Bilagi
64				Jamakhandi
65				Mudhol
66				Hungund
67				Hungund
68		Dharwad	Kalaghatgi	Badami
69				Dharwad
70				Hubballi
71				Navalgund
72				Kalaghatgi
73				Kundgol
74		Haveri	Ranibennur	Haveri
75				Byadagi
76				Hanagal
77				Ranibennur
78				Hirekerur
79				Shiggaon
80		Gadag	Honnavar	Savanur
81				Gadag
82				Shirahatti
83				Mundargi
84	Ron			
85	Naragund			
86	Uttara Kannada	Sirsi	Karwar	
87			Ankola	
88			Honnavar	
89			Bhatkala	
90			Kumta	
91			Sirsi	
92	Uttara Kannada	Dandeli , Haliyal Taluk	Mundgodu	
93			Yellapura	
94			Siddapura	
95	Vijayapura		Haliyala	
96			Joida	
97			Vijayapura	
98			Muddebihal	
				B Bagewadi

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**List of District/Divisional & Subdivisional Level Water Quality Testing Laboratories established under RDW&SD**

<b>Sl. No.</b>	<b>Name of the Circle</b>	<b>District/ Divisional Lab</b>	<b>Taluk/ Sub Divnl Lab</b>	<b>Taluks Covered</b>
99			Sindhagi	Indi
100				Sindhagi
<b>Total</b>		<b>8</b>	<b>12</b>	<b>49</b>

**List of District/Divisional & Subdivisional Level Water Quality Testing Laboratories established under RDW&SD**

Sl. No.	Name of the Circle	District/ Divisional Lab	Taluk/ Sub Divnl Lab	Taluks Covered	
101	Kalaburagi	Kalaburagi		Kalaburagi	
102				Afzalpur	
103				Aland	
104			Jewargi	Jewargi	
105			Sedam	Sedam	
106				Chincholi	
107				Chittapur	
108		Ballari		Ballari	
109				Siruguppa	
110		Sandur	Sandur		
111		Vijayanagara		Hospet	
112				Hagari Bommanahalli	
113				Kudligi	Kudligi
114				Huvina Hadagali	Huvina Hadagali
115		Harapanahalli			
116		Bidar		Bidar	
117				Basavakalyana	
118				Humnabad	
119				Aurad	
120		Koppala		Bhalki	
121				Koppala	
122				Gangawathi	
123				Kustagi	
124		Raichur		Yelaburga	
125				Raichur	
126				Manvi	
127				Sindhanur	
128		Lingasugur		Sindhanur	
129				Lingasugur	
130		Yadgir		Deodurga	
131				Yadgir	
132				Shorapur	
		Shorapur	Shahapur		
<b>Total</b>		<b>7</b>	<b>11</b>	<b>32</b>	

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**List of District/Divisional & Subdivisional Level Water Quality Testing Laboratories established under RDW&SD**

Sl. No.	Name of the Circle	District/ Divisional Lab	Taluk/ Sub Divnl Lab	Taluks Covered
133	Mysuru	Mysuru	HD Kote	Mysuru
134				Nanjanagud
135				T Narasipura
136				HD Kote
137				Hunsur
138				Krishnarajanagar
139				Piriyapatna
140				Chamarajanagar
141				Gundlupet
142				Kollegal
143		Yelandur		
144		Chikkamagalur		
145		Mudigere		
146		Kadur		
147		Tarikere		
148		Koppa		
149		NR Pura		
150		Shringeri		
151		Mangaluru		
152		Bantwala		
153		Puttur		
154		Sulya		
155		Belthangady		
156		Belthangady + Moodbidri		
157		Hassan		
158		Alur		
159		Sakleshpura		
160		Arasikere		
161		Belur		
162		Holenarasipura		
163		Arakalagud		
164		Channarayapatna		
165	Madikeri			
166	Somavarpet			
167	Virajapet			
168	Mandya			
169	Maddur			
170	Malavalli			
171	Nagamangala			
172	Pandavapura			
173	KR Pete			
174	Sri Rangapatna			
175	Udupi			
176	Karkala			
	Kundapura			
<b>Total</b>		<b>8</b>	<b>12</b>	<b>44</b>
<b>Grand Total</b>		<b>32</b>	<b>48</b>	<b>176</b>

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Address of the Laboratory alongwith Contact person contact:										
Accreditation validity as per ISO IEC 17025:2017:										
S.No.	Materials for External Calibration	Districts where service can be provided	Calibration (At RDW&SD lab/onsite)	Materials for which NABL accreditation exists	Resources in the laboratory			No. of days required for calibration at RDW&SD lab	No. of days required for onsite calibration	Total Calibration charges/material including transportation
					Designation	Qualification of the Resources	Experience in years			
From					To					
1	Burette									
2	Volumetric Flask									
3	Pipettes									
4	Hot air oven									
5	Bacteriological Incubator									
6	Autoclave									
7	Refrigerator									
8	LAF									
9	Biosafety cabinet									
10	Digital Water bath									
11	Analytical balance									
12	Rough balance									
13	Micro pipette									
14	Serological water bath									
15	Bod incubator									
16	Weight box									
17	Pass box									
18	Hygrometers									
19	Thermometers									
20	Luxmeter									
21	Cold storage									
22	AHU validation									

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